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Amministration of IFM-gamma, and anti-IL-4 significantly prevented retrovirus infection. They also significantly slowed retrovirus-induced suppression of splenic NK cell activity, and splenic T-and B-cell proliferation. They also significantly slowed machenine in-the and IFM-alpha, secretion by splenicytes. They prevented the liss of The systems III-4 and IFM-gamma, release by splen cytes, and allowaters give splen and iFM-gamma, prepared the liss of The systems IFM-gamma release to splen cytes, and allowaters give mergaly and myergamma previous means a significant in AIDS treatment as elements as the bemanicus by which the trip with a split and self-self and the split and allowance in AIDS.

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BI: AIV alverse effect, inclining taxicity; mfM Metabolic formation; interleukin 0, anti-interleukin 0 morphodiantion; yano IFN-gamma. The fleckin 0, anti-interleukin 0 morphodiantion; yano IFN-gamma. The fleckin 0 morphodiantion of Lymphosines and Cytokines
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Anti-IL-4 monoclonal antipody and IFN-.gamma. administration retards development of irmune dysfunction and cytikine dysregulation during murine
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This study was designed to det. if administration of arti-interleukin-4
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their combination after LF-BME retroitins infection of female CSTBL/c mice
would prevent retrovirus-induction of immunosuppression and cytokine
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isually altered branativally after murine retrovirus infects.

Amministration of IFN-gamma, and article-1 significantly prevented
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and alleviated splendowleyally and hypergamma/lobulinemia, precurs i signs of
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The present itself but a content the treatment of a patient with and interment issease, including AIDS, by neutralizing, removing a inhibiting inferent types of interfeting, timor herics and or their receptors, as well as neutralizing, removing or inhibiting autoantibodies, including antipodies to target cells, CI4 cells and INA. Treatment comprises administration of an autoinmune inhibitor, or extraorporea, exposure of the patient's fluid to an immunosorbent comprising an autoinmune inhibitor, followed by return of the treated fluid to the patient, or it comprises a combined therapy involving extraorporea; immunosorption in conjunction with the administration of an autoinmune inhibitor.

Combination of a plurality of two or more components selected from anti-alpha, interferon or receptor, anti-tumor necrosis factor or receptor, and anti-interleukin & antipodies are disclosed.

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OS 1997-274831 A 19941028

US 1997-25486 AS 19930227

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The present inschause concerns the treatment of a patient with autoimmune disease, including AIDS, by neutralizing, removing or inhibiting different types if interferons, tomar means factor, HEA class II autoiens, 136, and other pathol. factors and or their receptors, as well as neutralizing, removing in inhibiting activates to taget selve, 14 vels and INA. Treatment or prises administration of an all obsole obstituting activates on prises administration of an all obsole obstituting in resonance of the patient's fluid for all obstitutions of prises in a serior of the patient's fluid for all obstitutions of the treatest fluid to the patient; in Comprises a since hed therapy involving extraor spread imministration. All commune diseases including AIDS

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To examine a pissicle association between plasma virence and interferon-appra IPM-alpha in patients with the adquired immunises interferon-appra IPM-alpha in patients with the adquired immunises plasma intuitivation by apheresis IPM-alpha appears in four volunteers with AIDS who had sustained levels of endowning plasma

IPM-alpha iPM-alpha appears with two plasma volume exchanges was performed daily for 5 days. Control signs and symptoms and hematologic, virologic, and immuniligio parameters were minitized. Two simplests developed amenia from polecutory, and the fad a catheter--associated no terelogic amenia from polecutory, and the fad a catheter--associated no terelogic. The IPM-alpha aphresis was effective they in transferrity removing IPM-alpha deject in for IPM-alpha leg only to its rapid of teresta. The IPM-alpha aphresis was effective they in transferrity removing IPM-alpha deject in for IPM-alpha leg only to its rapid of the term and its removed the plasma with a cross of life with the production of IPM-alpha leg of the production of IPM-alpha aphresis all was included a plasma time and in the production of IPM-alpha with a cross of IPM-alpha aphresis all was included and the production of the prod
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